M. DC. LXXXIII.

The BOSTON EPHEMERIS.

A N

ALMANACK

FOR

The (*Dionysian*) Year of the Christian ÆRA. M DC. LXXX III.

And of the Worlds Creation 5632.

Anno Oppidi inchoati 53.

Of which the Vulgar Notes are.

Cycle of the Sun 12.
Dominic. Let. G. F.
Golden Numb. 12.
Epact 12.
Num. of Direct. 18.

Serving the Meridian of *Boston* in *New-Engl.*
Latitude, 42. *gr.* 30. *min.*
Longitude 315. *gr.*

Eph. 5. 16. *Redeeming the Time.*

Damna fleo rerum, ſed plus fleo Damna Dierum;
Quiſq; poteſt rebus ſuccurrere; nemo Diebus.

BOSTON IN NEWENGLAND,
Printed by *S. G.* for *S. S.* 1683.

By Mr. Cotton Mather.

OF the two ECLIPSES this Year, One in the Moon, and one in the Sun: They who are not Travellers must expect only to view the former. Which happens on *July* 28.

Beginning at 36 *min.* past 1. *Morning.*
Continuing 1 *hour* 40 *min.*
Ending at 16. *min.* past 3. *Morning.*
Digits Eclipsed 1. 55. *min.*

An Intimation of the Time when Spring-Tides will probably happen this Year.

MARCH, 1, 2, 3, & 30, 31. High Tides
APRIL, 1. & from 26, to 30. indifferent high.
MAY, No very high Tides this Moneth.
JUNE, 14, to 20. indifferent high.
JULY, 13, to 18. high.
AUGUST, 11 to 15. high, 13. very high.
SEPTEMBER, 8, to 14. 10. exceeding high.
OCTOBER, 8, to 12, high, 9, 10. very high.
NOVEMBER, 6, to 9.
DECEMBER, begins and ends with pretty high Tides.
JANUARY, [redacted] to 26.
FEBRUARY, 20, to 25.

The *first* Moneth (*March*) hath 31 Dayes.

Full moon 2 day 21 min. past 3 afternoon
Second quar. 9 day 55 min. past 6 night.
New moon 17 day 2 min. past 11 night,
First quar. 25 day 59 min. past 2 afternoon.

M	W		Plan. aspects &c.	☉ pl.	R	☉ S	☽ place
1	5	ad	County C. *Harford.*	21 ♓	6	12	6 *Virg.*
2	6	20		22 22	6	11	6
3	7	21	☌☿☽	23 22	6	10	6 *Libra*
4	8	22	☌♂☽	24 22	6	8	6
5	2	23	☌ Jup. ♂	25 21	6	7	6 *Scor.*
6	3	24	C. *Assist.* Boston, &	26 21	6	5	6
7	4	25	☌ ♄☿ (C. *Plim*	27 20	6	4	6 *Sagit*
8	5	26		28 20	6	2	6
9	6	27	♃ 13 ♌ Retr	29 19	6	1	6
10	7	28		♈ 19	6	00	6 *Capr.*
11	8	29		1 18	5	59	7
12	2	*ni*	☌☉☿	2 17	5	57	7 *Aqu.*
13	3	02	County C. Fairfield	3 17	5	56	7
14	4	03	(☌ ♄) ☌ ♃) ☽♍	4 16	5	55	7
15	5	04		5 15	5	53	7 *Pisces*
16	6	05	☌ 27 ♎ Retr.	6 14	5	52	7
17	7	08		7 14	5	50	7 *Aries*
18	8	07	♄ 14 ♌ Retr	8 13	5	48	7
19	2	08	♀ 24 ♒ ☌♂☽	9 12	5	46	7
20	3	09	☿ 26 ♓	10 11	5	44	7 *Taur.*
21	4	10	△☌♀	11 10	5	43	7
22	5	11	△☉ Jup.	12 09	5	41	7 *Gemi.*
23	6	12		13 08	5	40	7
24	7	13	△ Sol. ♄	14 07	5	39	7 *Canc.*
25	8	14		15 06	5	38	7
26	2	15		16 04	5	37	7
27	3	16	C. *Ipsw.* & *North-*	17 03	5	36	7 *Leo.*
28	4	17	*(hampton.* ☌ ♄ ☽	18 02	5	34	7
29	5	18		19 01	5	33	7 *Virg.*
30	6	19		19 59	5	32	7
31	7	20	☌☌☽ ☌ Sol. ☌	20 58	5	30	7 *Libra*

The *second* Moneth (*April*) hath 30 dayes.

Full moon 1 day 8 min. past 5. morn
Second quar. 8 day. 26 min. before noon.
New moon 16 day 9 min past 2 afternoon
First quar. 23 day 51 min. past 9 night
Full moon 30. day 28 min past 2. aftern

M	W		*Plan. Aspects &c.*	☉ pl.	R.	☉ S.	☽ pl.
1	5	21	☌☌☽	21 ♍	5	28	7 *Libra*
2	2	22		22 55	5	27	7 *Scor.*
3	3	23	Court *Cambridge*	23 54	5	26	7
4	4	24		24 53	5	24	7 *Sagit.*
5	5	25		25 51	5	23	7
6	6	26	☿ elong max. a ☉	26 50	5	22	7 *Capr*
7	7	27	☿ entring ♈	27 48	5	20	7
8	8	28		28 46	5	18	7
9	2	29	☽☊ ☌ ♄ ☽☌ ☌	29 45	5	17	7 *Aqua*
10	3	30		♉ 43	5	16	7
11	4	31	☿ 15 ☌ Conj. ☿ ☽	1 41	5	15	7 *Pisces*
12	5	02		2 40	5	14	7
13	6	03		3 38	5	13	7
14	7	04	♃ 13 ☊ Dir.	4 36	5	11	7 *Aries*
15	8	05		5 34	5	10	7
16	2	06	♂ 16 Libra. Retr.	6 32	5	09	7 *Taur.*
17	3	07		7 31	5	07	7
18	4	08		8 29	5	06	7 *Gem.*
19	5	09		9 27	5	04	7
20	6	10	☌☌☿	10 25	5	03	7
21	7	11		11 23	5	02	7 *Canc.*
22	8	12	♄ 14 ☊ Dir.	12 21	5	01	7
23	2	13	☌♄☽ Conj ♃☽	13 19	5	00	7 *Leo.*
24	3	14	County Co. Boston	14 17	4	59	8
25	4	15	☽☍☾	15 14	4	57	8 *Virg.*
26		16	☌☿☽	16 12	4	56	8
27	6	17		17 10	4	55	8 *Libra*
28	7	18		18 08	4	54	8
29	8	19	☌☿☽	19 06	4	53	8 *Scorp*
30	2	20		20 03	4	52	8

The *third* Moneth (*May*) hath 31 dayes.

Second quar. 8 day 55 min. past 4 morning
New moon 16 day 49 min. past 2 morn.
First quar. 23 day at 2 in the morning
Full moon 30 day 3 min. past 1 morn.

M.	w.		Plan. Aspect, &c.	☉ pl.	R	☉	S	☽ pl.
1	3	21		21 ♉	4	51	8	*Sagit*
2	4	22	A remarkable Con-	21 50	4	50	8	
3	5	23	junction of ♄ ♆ in	22 56	4	49	8	
4	6	24	14 ♌ to be seen on	23 54	4	48	8	*Capr.*
5	7	25	*Wednesday* Evening	24 52	4	47	8	
6	g	26	☌ ♄☽ ☌ ☿♀	25 49	4	46	8	*Aqua*
7	2	27		26 47	4	45	8	
8	3	28		27 44	4	44	8	*Pisces*
9	4	29		28 42	4	43	8	
10	5	*Si.*	ELECTION Harf.	29 39	4	42	8	
11	6	02	☌☌☽ ☌♀☽	♊ 37	4	41	8	*Aries*
12	7	03	☌ 11. ♎ Retr.	1 34	4	40	8	
13	g	04	♄ 15 ♌	2 32	4	39	8	*Taur.*
14	2	05		3 39	4	39	8	
15	3	06	☿ entring ♊	4 27	4	38	8	
16	4	07	ELECTION Boston	5 28	4	37	8	*Gemi*
17	5	08		6 21	4	36	8	
18	6	09	☌☉☿	7 89	4	35	8	*Canc.*
19	7	10		8 16	4	34	8	
20	g	11	☌♄☽ Con. Jup. ☽	9 13	4	33	8	*Leo.*
21	2	12	☽☍☌	10 11	4	33	8	
22	3	13		11 08	4	32	8	*Virg.*
23	4	14	☿ entring ♉	12 05	4	31	8	
24	5	15		13 03	4	31	8	
25	6	16	☌☌☽	14 00	4	30	8	*Libra*
26	7	17	☌☿☽	14 57	4	30	8	
27	g	18	✶☉ Sat.	15 54	4	29	8	*Scorp*
28	2	19		16 51	4	29	8	
29	3	20		17 49	4	28	8	*Sagit.*
30	4	21	♆ 18 ♌ ☌☿☽	18 46	4	28	8	
31	5	22		19 43	4	28	8	*Capr.*

The *fourth* Moneth (*June*) hath 30 dayes.

Second quar. 6 day 57 min. past 9 night
New moon 14 day 3 min past 1 afternoon
First quar. 21 day 54 min. past 5 morn.
Full moon 28 day 35 min. past noon.

M	W		*Plan. Aspects &c.*	☉ pl.	R.	☉ S.	☽ pl.
1	6	23		20 ♊	4	28 8	*Capr.*
2	7	24	☽☍♀	21 37	4	28 8	*Aqu.*
3	g	25	☌♄☽ ☌♅☽	22 34	4	27 8	
4	2	26	Artil. Elect. *Boston.*	23 31	4	27 8	
5	3	27	C. Elect. *Plimouth.* ☾	24 29	4	27 8	*Pisces*
6	4	28	(*N-Lond.*	25 26	4	27 8	
7	5	29	♄ 17 ♌	26 23	4	26 8	*Aries*
8	6	30	☌♂☽	27 30	4	26 8	
9	7	*ta*		28 17	4	26 8	
10	g	02		29 14	4	26 8	*Taur.*
W 11	2	03	Summer Solstice	♋ 11	4	26 8	
12	3	04	✶♄♂	1 08	4	26 8	*Gem.*
13	4	05	C. *New-haven.*	2 05	4	26 8	
14	5	06		3 02	4	26 8	*Canc.*
15	6	07	♂ 18 Libra. ☌☿☽	3 50	4	26 8	
16	7	08	♅ 21 ♏	4 56	4	26 8	*Leo.*
✶ 17	g	09	☿ entring ♏ ☽♑	5 53	4	27 8	
18	2	10	♀ entring ♊	6 51	4	27 8	*Virg.*
19	3	11	Court *Charlstown.*	7 49	4	27 8	
20	4	12		8 45	4	27 8	
21	5	13	☌♂☽	9 42	4	28 8	*Libra*
22	6	14		10 39	4	28 8	
23	7	15		11 35	4	28 8	*Scor.*
24	g	16		12 33	4	29 8	
25	2	17	☌♀☽	13 30	4	29 8	*Sagit.*
26	3	18	Court *Salem.*	14 27	4	29 8	
27	4	19	✶ Jup. ♂	15 24	4	30 8	*Cap.*
28	5	20		16 21	4	30 8	
29	6	21		17 18	4	31 8	
30	7	22	☽♍ ☌♄☽	18 15	4	32 8	*Aqu.*

The *fifth* Moneth (*July*) hath 31 dayes.

Second quar. 6 day 27 min. past 2 afternoon
New moon 13 day 38 min. past 9 night.
First quar. 20 day 3 min. past 1 aftern.
Full moon 28 day 26 min. past 2 morn.

M.	w.		Plan. Aspect, &c.	☉ pl.		R ☉ S	☽ pl.
1	g	23	☌ Jup. ☽	19	♋	4 32 8	*Aqu.*
2	2	24	Artil. Elect. *Salem*	20	10	4 33 8	*Pisc.*
3	3	25	Court *Plimouth.*	21	08	4 33 8	
4	4	26		22	05	4 34 8	
5	5	27	☿ 12 ♌ Retr.	23	02	4 35 8	*Aries*
6	6	28	☌ ☍ ☽	23	58	4 36 8	
7	7	29		24	55	4 36 8	*Taur.*
8	g	*ab*		25	52	4 37 8	
9	2	02		26	49	4 38 8	*Gemi*
10	3	03		27	47	4 39 8	
11	4	04	☍ ☿ ☽	28	44	4 40 8	
12	5	05	☿ entring ♍	29	42	4 41 8	*Canc.*
13	6	06	♄ 21 ♌	♌	38	4 42 8	
14	7	07	☍ ♄ ☽	1	36	4 43 8	*Leo.*
15	g	08	☍ ☿ ☽	2	33	4 44 8	
16	2	09	☍ ♃ ☽	3	30	4 45 8	*Virg.*
17	3	10		4	27	4 46 8	
18	4	11		5	25	4 47 8	*Libra*
19	5	12	☍ ☌ ☽	6	22	4 48 8	
20	6	13	☌ ☉ ☿	7	19	4 46 8	*Scorp*
21	7	14	♀ ☽ ♋	8	17	4 50 8	
22	g	15		9	14	4 51 8	*Sagit*
23	2	16		10	11	4 52 8	
24	3	17		11	09	4 53 8	
25	4	18	☍ ♀ ☽	12	06	4 54 8	*Capr.*
26	5	19	☌ ☿ ☽	13	04	4 55 8	
27	6	20	☽ ♂ ♈	14	01	4 56 8	*Aqua*
28	7	21	Moon Eclipsed	14	59	4 57 8	
29	g	22		15	56	4 58 8	*Pisces*
30	2	23	(2 ♌ Dir.	16	54	4 59 8	
31	3	24	County C. *Boston.* ☿	17	51	5 00 7	

The *fifth* Moneth (*August*) hath 31 dayes.

Second quar. 5 day 54 min. past 5 morn.
New moon 12 day 32 min. past 5 morn
First quarter 18 day 6 min. past 8 night
Full moon 26 day 54 min. past 5 aftern

M.	VV.		Planets asp. &c.	⊙ pl.	R	⊙ S	☽ pl.
1	4	25		18 ♌	5	2 7	*Aries*
2	5	26		19 46	5	3 7	
3	6	27		20 44	5	5 7	*Taur.*
4	7	28	Jup. 1 ♍	21 42	5	6 7	
5	g	29		22 39	5	7 7	
6	2	30	☌ ☉ ♄	23 37	5	8 7	*Gemi.*
7	3	*El*	♀ 1 ♌	24 35	5	9 7	
8	4	02		25 32	5	11 7	*Canc.*
9	5	03		26 30	5	12 7	
10	6	04	☽☊ ☌♀☽ ☌☿☽	27 28	5	14 7	*Leo.*
11	7	05	☌♄☽	28 26	5	15 7	
12	g	06	☌♃☽	29 24	5	17 7	*Virgo*
13	2	07		♍ 22	5	18 7	
14	3	08	Sat. 25 ♌	1 19	5	19 7	*Libra*
15	4	09		2 17	5	20 7	
16	5	10	Conj ☉ Jup.	3 15	5	22 7	*Scor.*
17	6	11	☌☌☽	4 13	5	24 7	
18	7	12		5 11	5	25 7	*Sagit*
19	g	13		6 09	5	27 7	
20	2	14		7 08	5	28 7	
21	3	15		8 06	5	29 7	*Capr.*
22	4	16		9 04	5	30 7	
23	5	17	☿ entring ♍ ☽☋	10 02	5	31 7	*Aqua*
24	6	18		11 01	5	32 7	
25	7	19	☌♃☿ ☍♃☽	11 59	5	34 7	
26	g	20	☌ 26 m	12 57	5	35 7	*Pisces*
27	2	21		13 55	5	37 7	
28	3	22	Conj. ♄ ♀	14 53	5	39 7	*Aries*
29	4	23		15 52	5	41 7	
30	5	24		16 50	5	42 7	
31	6	25		17 49	5	43 7	*Taur*

My Father watched his last.

The *seventh* Moneth (*September*) hath 30 dayes.

Second quarter 3 day 32 min. past 7 aftern
New moon 10 day 18 min. past 1 aftern.
First quar. 17 day 30 min past 8 morn
Full moon 25 day 46 min. past 10 morn

M.	VV.		Planets aspects, &c.	☉ pl.	R ☉ S	☽ pl.
1	7	26	♂ ☌ ♉ ♂ ☉ ☿	18 ♍	5 44 7	*Taur.*
2	g	27		19 46	5 45 7	*Gem.*
3	2	28		20 44	5 47 7	
4	3	29	Court. Assist. Boston	21 43	5 49 7	*Canc.*
5	4	*Ti*	♃ 4 ♍	22 41	5 51 7	
* 6	5	02	Co. Harford ☽ ☊	23 40	5 52 7	
7	6	03		24 39	5 53 7	*Leo.*
8	7	04	♂ ♄ ☽ ♂ Jup. ☽	25 37	5 54 7	
9	g	05	♂ ☿ ☽	26 36	5 56 7	*Virgo*
10	2	06	Artil. Elect. Camb.	27 35	5 57 7	
11	3	07		28 34	5 58 7	*Libra*
12	4	08	COMMENCMENT	29 33	5 59 7	
13	5	09		♎ 32	6 00 6	*Scorp*
14	6	10		01 30	6 02 6	
15	7	11	♂ ☌ ☽	02 29	6 04 6	*Sagit*
16	g	12	♄ 29 ☊	03 28	6 05 6	
17	2	13		04 27	6 06 6	*Capr.*
18	3	14	Co. New-London	05 27	6 07 6	
/ 19	4	15	☽ ☍ ♆	06 26	6 09 6	*Aqu.*
20	5	16		07 25	6 11 6	
21	6	17	♂ Sat ☽	08 24	6 12 6	
22	7	18	♂ Jup. Lun.	09 23	6 13 6	*Pisces*
23	g	19	♂ ☿ ☽	10 23	6 15 6	
24	2	20		11 22	6 16 6	*Aries*
25	3	21	C. *Ipsw.* & *Springf.*	12 21	6 17 6	
26	4	22	☿ 1 ♏	13 21	6 18 6	
27	5	23		14 20	6 19 6	*Taur*
28	6	24		15 19	6 20 6	
29	7	25		16 19	6 23 6	*Gemi.*
30	g	26		17 18	6 25 6	

The *eight* Moneth (*October*) hath 31 dayes.

Second quar. 3 day 31 min. past 7 morn.
New moon 9 day 18 min. past 10 night
First quarter 17 day 40 min. past 12 Morn
Full moon 25 day 15 min. past 4 morn

	M.	VV.		Planets asp. &c.	☉ pl.	R	☉	S	☽ pl.
	1	2	27		18 ♎	6	27	6	*Gemi.*
	2	3	28	Court Cambridge	19 19	6	29	6	*Canc.*
×	3	4	29	C. Assist. *Harf.* ☽ ☌ ♂	20 18	6	30	6	
	4	5	30	♂ ♄ ☽	21 18	6	31	6	*Leo.*
	5	6		♄ ☌ ♍ ♂ ♅ ☽	22 17	6	32	6	
	6	7			23 17	6	34	6	*Virgo*
	7	8		♂ ♀ ☽	24 17	6	35	6	
	8	2			25 17	6	37	6	*Libra*
	9	3			26 17	6	39	6	
	10	4			27 16	6	40	6	*Scorp*
	11	5	Epact.	♂ ♀ ☽	28 16	6	41	6	
	12	6		Mars entring ♈	29 16	6	42	9	*Sagit*
	13	7			♍ 16	6	43	6	
	14	8		♂ ☌ ☽	1 16	6	44	6	*Capr.*
	15	2			2 16	6	45	6	
	16	9	*Bu*	Jupiter 16 ♍	3 18	6	47	6	
W	17	4	02	☽ ☍ ♆	4 18	6	48	6	*Aqu.*
	18	5	03	Venus entring ♎	5 18	6	49	6	
	19	6	04		6 18	6	50	6	*Pisces*
	20	7	05	♂ ☌ ♅	7 18	6	51	6	
	21	8	06		8 18	6	53	6	
	22	2	07		9 18	6	54	6	*Aries*
	23	3	08		10 19	6	56	6	
	24	4	09	♂ ☌ ♀ ☽	11 19	6	57	6	*Taur.*
	25	5	10		12 19	6	59	6	
	26	6	11	♂ ☌ ☿ ☽	13 20	7	00	5	
	27	7	12		14 20	7	1	5	*Gem.*
	28	8	13		15 20	7	2	5	
	29	2	14	☿ ☍ ♐ Retr.	16 21	7	3	5	*Canc.*
+	30	3	15	Court *Boston* & *Plimouth.*	17 21	7	5	5	
	31	4	16	✶ ☉ ♅	18 22	7	7	5	*Leo.*

The *ninth* Moneth (*November*) hath 30 dayes.

Second quar. 1 day 30 min past 5 night
New moon 8 day 49 min. past 8 before noon
First quar. 15 day 48 min past 7 night.
Full moon 23 day 5 min. past 9 night
Second quarter 30 day 3 min. past 1 night

M.	V.	V.	Planets aspects, &c.	☉ pl.	R	☉	S	☽ pl.
1	5	17		19 m	7	8	5	*Leo*
2	6	18	☌ ♄ ☽	20 23	7	9	5	*Virgo*
3	7	19	☌ ♃ ☽	21 23	7	10	5	
4	8	20		22 24	7	11	5	
5	2	21		23 25	7	12	5	*Libra*
6	3	22	Court *Fairfield*	24 26	7	13	5	
7	4	23	☌ ♀ ☽	25 26	7	14	5	*Scor.*
8	5	24	☌ ☉ ♀	26 27	7	15	5	
9	6	25		27 28	7	16	5	*Sagit*
10	7	26		28 29	7	17	5	
11	8	27	♀ entring ♐ ☌ ☿ ☽	29 30	7	18	5	*Capr.*
12	2	28	☽ ☍ ♋	♐ 30	7	19	5	
13	3	29	♃ 20 ♍	01 30	7	20	5	*Aqua*
14	4	*Ci*	Court *New-haven.*	02 31	7	20	5	
15	5	02	☌ ♄ ☽	03 33	7	21	5	*Pisces*
16	6	03		04 34	7	22	5	
17	7	04		05 35	7	23	5	
18	8	05	☿ 19 ♐ Dir.	06 36	7	23	5	*Aries*
19	2	06		07 37	7	24	5	
20	3	07		08 38	7	25	5	*Taur.*
21	4	08	☌ entring ♒	09 39	7	25	5	
22	5	09		10 41	7	26	5	
23	6	10	☌ ♀ ☽	11 42	7	27	5	*Gemi.*
24	7	11		12 43	7	27	5	
25	8	12		13 44	7	28	5	*Canc.*
26	2	13	♄ 4 ♍	14 45	7	29	5	
× 27	3	14	Court *Salem.* ☽ ☊	15 46	7	29	5	*Leo.*
28	4	15		16 47	7	30	5	
29	5	16	☌ ♄ ☽	17 49	7	30	5	
30	6	17	☌ ♃ ☽	18 50	7	31	5	*Virgo*

The *tenth* Moneth (*December*) hath 31 Dayes.

New moon 7 day 39 min. past 9 night,
First quar. 15 day 44 min. past 4 afternoon.
Full moon 23 day 25 min. past noon
Second quar. 30 day 57 min. past 8 morn.

M	W		Plan. aspects &c.	⊙ pl.	R	⊙ S	☽ place
1	7	18		19 ♐	7	31	5 *Virg.*
2	g	19		20 52	7	32	5 *Libra*
3	2	20	♃ 22 ♍	21 53	7	32	5
4	3	21		22 55	7	33	5 *Scorp*
5	4	22	☿ entring ♐	23 56	7	33	5
6	5	23	♄ 4 ♍ Retr	24 57	7	33	5 *Sagit.*
7	6	24		25 58	7	34	5
8	7	25	☌☿☽	26 59	7	34	5 *C apr*
9	g	26		28 02	7	34	5
10	2	27	☽☋	29 03	7	34	5 *Aqu.*
11	3	28	*Winter Solstice*	♑ 04	7	34	5
12	4	29	☌♄☽	1 05	7	34	5
13	5	30		2 06	7	34	5 *Pisces*
14	6	*Te*	☌♃☽	3 07	7	34	5
15	7	02	△ Sol. ♄	4 09	7	34	5 *Arie.*
16	g	03		5 10	7	34	5
17	2	04		6 11	7	33	5
18	3	05	Court Charlstown	7 13	7	33	5 *Taur*
19	4	06		8 14	7	33	5
W 20	5	07		9 15	7	32	5 *Gem.*
21	6	08		10 17	7	32	5
22	7	09	☿ entring ♑	11 18	7	31	5
23	g	10	☌☿ Lun	12 19	7	31	5 *Canc.*
24	2	11		13 21	7	30	5
25	3	12		14 22	7	29	5 *Leo.*
26	4	13		15 23	7	29	5
27	5	14		16 24	7	28	5 *Virg.*
28	6	15		17 26	7	28	5
29	7	16		18 27	7	27	5 *Libra*
30	g	17	♂ entring ♓	19 28	7	27	5
31	2	18		20 30	7	26	5 *Scorp*

The *eleventh* Moneth (*January*) hath 31 dayes.

New moon 6 day 57 min. past noon
First quar. 14 day 48 min. past 1 afternoon
Full moon 22 day 26 min. past 3 morn
Second quar. 28 day 5 min. past 5 aftern

m.	w.		Planets asp. &c.	☉ pl.	R	☉	S	☽ pl.
1	3	19	♄ ☌ ♍	21 ♑	7	25	5	*Scor.*
2	4	20		22 32	7	25	5	*Sagit*
3	5	21	☍ ♄ ♂	23 33	7	24	5	
4	6	22		24 34	7	23	5	
5	7	23	☌ ☿ ☽	25 36	7	22	5	*Capr.*
6	F	24		26 37	7	21	5	
7	2	25	☌ ♀ ☽	27 38	7	21	5	*Aqu.*
8	3	26	☍ ♄ Lun	28 39	7	20	5	
9	4	27	☌ ☉ ☿ ☌ ♂ ☽	29 40	7	19	5	*Pisces*
10	5	28	♀ entring ♒	♒ 42	7	18	5	
11	6	29		01 43	7	17	5	
12	7	Se		2 44	7	16	5	*Aries*
13	F	02		3 45	7	15	5	
14	2	03	♂ 12 ♓	4 46	7	14	5	*Taur.*
15	3	04		5 47	7	13	5	
16	4	05		6 48	7	12	5	
17	5	06		7 49	7	11	5	*Gemi*
18	6	07		8 50	7	10	5	
19	7	08		9 51	7	09	5	*Canc.*
20	F	09	♅ 21 ♍ ☽ ☊	10 52	7	08	5	
21	2	10		11 53	7	07	5	*Leo.*
22	3	11	♀ entring ♓ ☌ ♄ ☽	12 54	7	06	5	
23	4	12	☍ ♄ ♀	13 55	7	05	5	*Virg.*
24	5	13	☍ ☌ ☽ ☌ ♅ ☽	14 56	7	04	5	
25	6	14		15 57	7	03	5	*Libra*
26	7	15		16 58	7	02	5	
27	F	16	☍ ♅ ♂	17 58	7	00	5	Scorp
28	2	17	☍ ♄ ☿	18 59	6	59	6	
29	3	18	Coun. Court Boston	20 00	6	57	6	
30	4	19		21 00	6	56	6	*Sagit*
31	5	20		22 00	6	54	6	

The *twelfth* Moneth (*February*) hath 29 dayes.

New moon 5 day 39 min. past 5 morn.
First quar. 13 day 14 min. past 9 beforenoon
Full moon 20 day 12 min. past noon
Second quar. 27 day 53 min. past 2 morning.

m.	w.		Planets asp. &c.	☉ pl.		R	☉	S	☽ pl.
1	6	21		23	♒	6	52	6	*Capr.*
2	7	22	☽☌♄	24	03	6	50	6	
3	F	23		25	03	6	49	6	*Aqu.*
4	2	24		26	04	6	48	6	
5	3	25		27	04	6	47	6	*Piſces*
6	4	26	☌♄) ☌☿) ☌♀)	28	05	6	46	6	
7	5	27	☿ entring ♈ ☌♂)	29	05	6	44	6	
8	6	28	☌☉♄	♓	06	6	42	6	*Arie.*
9	7	29	♄ 19 ♍	1	06	6	40	6	
10	F	30		2	07	6	39	6	*Taur*
11	2	*ad*		3	07	6	38	6	
12	3	02		4	07	6	37	6	
13	4	03		5	08	6	36	6	*Gem.*
14	5	04		6	08	6	35	6	
15	6	05	☿ entring ♈	7	08	6	34	6	*Canc.*
16	7	06	☿ 21 ♓ Retr.	8	09	6	32	6	
17	F	07	☽ ☌♃	9	09	6	31	6	
18	2	98		10	09	6	29	6	*Leo.*
19	3	09	☌♄ Lun	11	09	6	28	6	
20	4	10	☌♄☽ ☌♄☿	12	09	6	27	6	*Virg.*
21	5	11	☌♀ Lun	13	09	6	26	6	
22	6	12	☌♂ Lun	14	09	6	24	6	*Libra*
23	7	13	Conj. ☉☿	15	09	6	22	6	
24	F	14		16	09	6	20	6	*Scorp*
25	2	15		17	09	6	18	6	
26	3	16	☌☊♄	18	09	6	16	6	*Sagit.*
27	4	17		19	09	6	15	6	
28	5	18	Conj. ☌♀	20	09	6	14	6	*Capr*
29	6			21	08	6	13	6	

READER,

OUr English *Ancestors* used *annually* to engrave upon *squared sticks*, the *Courses* of the *Moon* for the whole Year. Such a little carved Instrument they called an *Almonaght*, i.e. *Al-mon-heed*, viz. the *Heed*, or *Observation* of all the *Moons*. And hence according to some *Antiquaries*, is derived the Name of *Almanack*. Though according to other *Philologists*, it may be an *Arabian* Word.

We here offer thee an *Al-moon-heed*, and somewhat more: an *Ephemeris*; the composure of one who ha's endeavoured to give thee,

I. In every Page of the *Calender* (after the *Aspects* of the Sun and Moon.) 1. The *Day* of the *Moneth*. 2. The *Day* of the *Week* answering it. 3. A *Connexion* of the *Hebrew Moneths* with our *Julian* ones: According to *Alsted's Notion*, concerning which he sayes *plurimum facit ad intelligendum Historias sacras*. And in which, let him that would compare *Scripture Occurrents*, with our *Accounts*, note that on the *first Day* of the *Hebrew Moneth*, there is put (*Ni*) for *Nisan*, or *Abib*. (*Zi*) for *Zif*, or *Fiar*. (*Si*) for *Sivan*. (*Ta*) for *Tamuz*. (*Ab*) for *Ab*. (*El*) for *Elul*. (*Ti*) for *Tizri*, or *Ethanim*. (*Bu*) for *Bul*, or *Marcheshvan*. (*Ci*) for *Cisleu*. (*Te*) for *Tebeth*. (*Se*) for *Sebat* (*Ad*) for *Adar*. The *Names* of the *Jewish Moneths* in the order of their *Year*. 4. Some of the *Principal Aspects* of the *Planets*, both lunar and mutual; and hints now and then of their *Places*, *Times* of our *Courts*, *Artilleries*, &c. 5. The *Suns Place*. 6. The hour of the *Rising* and *Setting* of the *Sun*, with the *Minutes* after the *former*, and before the *latter*, crowded between. 7. The *Moons Place*.

II. A *Man issa* waiting upon the forementioned particulars, and containing a poor *Essay* (by way of *Earnest*) for the advancement of *Scripture-Knowledge*, and *Christian Piety*. No unsuitable *Service* for an *Almanack*: but the more *Requisite*, because if we design only to edifie the *Students* of *Astronomy* among us, Alas! there is scarce *One* of a *City* and two of a *Tribe* to be addrest. And because here's

here's a fit place for an happy *ſnare*. Favour our Endeavours, *Reader!* and perhaps our *Preſs* may yearly bring thee forth a *Calender* more terſe and polite then what our *haſte* would now alow.

Da veniam ſubitis! Non diſplicuiſſe meretur
Feſtinat patriæ qui placuiſſe ſuæ.

To the Reader.

IT was above 2000 Years ago an *inſpired prædiction* of that *Zachariah*, who has not ineptly been called the *Sun among the ſmaller Prophets*, that when the Meſſiah ſhould ſet up his Kingdome in the World, *there ſhould even be upon the Bells of Horſes, Holineſs to the Lord.* Zech. 14. 20. *i.e.* the very meaneſt things ſhould have *Holineſs* interwoven, and be conſecrated unto a *Divine Service.* Reader, a ſorry *Almanack* will become Noble, if it may ſhare in ſuch an Honour: and what ſhould hinder it from doing ſo? Such an *Anniverſary Compoſure* comes into almoſt as many hands, as the *beſt of Books*; And why ſhould not every eye be entertained with what is Intelligible, and may be profitable? Though we don't go with *Schiller* to put *Chriſtian Names* upon the *Conſtellations*, let it not be abſurd to beſeech the *Readers* of an *Almanack* to become *Chriſtian* Men: Hath not the *Parallel project* of *Proteſtant Primers*; yea, and *Proteſtant Almanacks* too, on this very ſcore had the good word of all honeſt *Proteſtants*? Think it not ſtrange! *Id ante nos fecerunt alii.* Another place once ſaw the harmleſs deſign of a *Scripture Kalender.* *New-England* too ha's enjoyed more then once the well-contrived *Almanack Addreſſes* of a moſt skilful *Mathematician*, and Reverend Divine: We ſay, *What if we ſhould run after them.* And our *firſt Eſſay* of this Nature ſhall be to preſent thee with,

I. A *probable Account* in what *Order*, at what *Time*, and by what *Hands*, the Books in the *Bible* might be Written.

Reader, As one of thy main works in the World is to ſearch like a *Miner*, in thy Bible: So one of the moſt conſiderable *Queſtions*, which thou art to be askt, is, *Underſtandeſt thou what thou readeſt?* And as *Innumerable helps* are herein

herein improvable, ſo none of the leaſt deſpicable are *Chronological* ones; Our *Almanack* would gladly convey thee one of that kind. And ſince a conſiderable lift to an inſight into the Scripture, is to get a right *Idæa* of the Order in its Books; Vouchſafe in a few curt *Laconiſms* to receive the gueſſes of the Learned thereabout.

In the *Old-Teſtament*: *Geneſis* (an Hiſtory of the Church for about 2368 years) ſeems written (by *Moſes*) a little before *Iſraels Exodus* out of *Egypt*, A. M. 2450. *Job*, the *Perſon*, probably lived about the time that *Jacob* went into *Egypt*, and was one of *Abrahams* Kindred: the *Book* ſome think written by *Elihu*, ſome by *Solomon*, moſt by *Moſes*. Fixing on A. M. 2450. *Exodus* (in the 12 firſt Chapters an Hiſtory of 140 years, and in the reſt of two years more) was perhaps written about A.M. 2454. *Leviticus* (a Relation of one moneths tranſactions) might alſo be written A. M. 2454. *Numbers*, a Story of 38. years, reaching to A.M. 2492. poſſibly was then penned. *Deuteronomy* (an account of a Moneth and half) might likewiſe be written by *Moſes*, A. M. 2492. Though ſome paſſages at leaſt, in the *Pentateuch*, ſeem aſcribable to another Hand, why not *Joſhua's*? *Joſhua* declares about 18 years Revolutions, A.M. 2517. though his concluſion is manifeſtly the addition of another. *Judges*, reaches from the death of *Joſhua* to the Government of *Eli*, about 292 years, and might be written (tis imagin'd) by *Samuel*, A.M 2840. *Ruth* admits moſt various and undeterminable conjectures. I. *Samuel* (an Hiſtory from A. M. 2809, unto A.M. 2889.) might about that time (as the notion of the *Jews* is) be written by the then *High Prieſt*. *II. Samuel*, (an Hiſtory from A.M. 2889. unto A.M. 2929.) might then be written by a like perſon. *Proverbs* of *Solomon* ſeem to be penned by him, in great part for the immediate uſe of his Son *Reboboam*, about A.M. 2940. though ſome of them were collected at ſundry ſeaſons after his death. *Eccleſiaſtes* and *Canticles* (the fruits and diſcoveries of that great Man's Repentance) challenge their date ſomewhat near A M. 2968. *Jonas* ſeems to Propheſie about A.M. 3124. *Hoſea* was his contemporary, and propheſied

at leaſt 70 years. *Joel* propheſied at the ſame time. And *Amos* too. *Iſaiah* (that *Evangeliſt*! that *Apoſtle*! that unimitable exemplar of *lofty Language*) Propheſied A.M. 3138. and continued at his bleſſed Maſters work, ſome ſay 80 years, though others allow him but 47. *Micah* lived in his dayes: and was certainly very long improved as a divine Embaſſador. *Habakkuk* ſeems to Propheſie A.M. 3220 And the conſolatory *Nahum* (to ſome) about the ſame time. *Zephaniah* comes after, about A.M. 3316. And *Obadiah* alſo. *Jeremiah* ſounds the Trumpet, about A.M. 3328. continues a Preacher about 43 years: writes his *Lamentations* about A.M. 3340. And after this (the *Jews* ſay) the two Books of *Kings*, (a Hiſtory from A.M. 2929 to A.M. 3360. *Ezekiel* is viſited with divine Viſions, A.M. 3350. And about the ſame time *Daniel* flouriſhed. *Haggai* and *Zechariah* begin their work, about A.M. 3527. *Malachi* brings up the rere of the Prophets, 3537. The two Books of *Chronicles* are ſuppoſed by not a few to be of *Ezra*'s compiling (if ſundry hands were not therein employed) an Hiſtory from the Creation to A.M. 3419. The Book *Ezra*, written by himſelf, continues that Hiſtory, and might be written A.M. 3563. *Nehemiah* writes the Book which bears his Name, about A.M. 3570. And many deem he wrote the Book of *Eſther* too, about A.M. 3572 The Epitome of the *Bible*, i.e. the Book of *Pſalms*, though moſt of them were Penned by the Lovely *David*, *Iſraels ſweet Singer*, were not all compiled till the dayes of the *Maccabees*.

In the *New-Teſtament*, *Matthew* firſt writes his Goſpel, about A.C. 42. *Paul*, of his 14 Epiſtles, writes four, *i.e.* to *Theſſalonians*, 1,2. to *Titus*, to *Galatians*, to *Corinthians* 1, about A.C. 51. Two more *viz.* to *Corinthians* 2. to *Timothy*, 1. about A.C. 52. To *Romans*, A.C. 53. *Luke* writes his Goſpel from the mouth of *Paul*, much about this time. *Paul* writes (in Bonds) to *Philippians*, to *Coloſſians*, to *Philemon*, to *Epheſians*, to *Hebrews*, about A.C. 56,57 *Peter* writes his firſt Epiſtle, and *Jude* his Epiſtle, and *Mark* his Goſpel from the mouth of *Peter*, about that time. *Luke* writes the *Acts* about A.C. 60. ſo doth *James* his Epiſtle. And *Peter* his ſecond Epiſtle. *Paul* writes

to *Timothy* 2. A. C, 64. *John* writes his three Epiſtles before his Baniſhment, A.C. 87. and after that his *Goſpel*, and his *Revelation*.

Thus haſt thou an huddled account of the ſucceſſive delivering to the Church that Heavenly Book, which contains the *Oracles of God*. In which they that have had leiſure have counted not only the Chapters to be 1189. but alſo the Verſes to be 31171. And of which thou mayeſt be ſure to diſpatch the Reading in a year, if thou wilt give thy ſelf time to revolve three *Pſalms*, fifteen *Chapters* of the *Old-Teſtament*, and five of the *New*, in a Week. Do ſo; And ſay,

Sancte Liber! venerande Liber! Liber optime! nobis:
O animæ noſtræ Biblia dividium!

But then thou art invited to Conſider,

II. A ſerious *Reflection* on Mans mortal and Momentany life. For

Reader, VVe muſt have *one Word* more before we part; The *Shrub* that is now writing, had not ſtept out of his Road, & devoted a few of his *Horæ ſubceſivæ*, to try what he could do in the foregoing *Mathematical compoſure*, if he had not therein foreſeen an opportunity to approve himſelf a Friend to thine everlaſting welfare. And as the univerſal medicine of *Soul-diſtempers*, & the grand Inſtrument of *Soul-good*, is *conſideration!* conſideration! how much commanded, and commended in the *Scriptures* of *God?* & by the *Dictates* of *Reaſon?* ſo I cannot preſently call to mind any matter of *Conſideration* more ſuitable to be preſſed in ſuch a *Meaſurer of time* as an *Almanack* is, then what the *Meaſure of thy time* in this world is like to be. Oh! let a *Rude Pen* expoſtulate a little with thee! and if a *King* gave a young-man a Penſion to Ring every day that Leſſon to him, *Remember thou art but a Mortal Man!* If an *Emperour* had one appointed at certain times to ſalute him with *Live mindful of thy Death!* If *Jerom* could declare, *Whatever I do methinks I hear the ſound of the Arch-Angel's Trumpet, Ariſe yee Dead!* Let, let not an *Ephemeris* be blamed for ſeeking to do thee ſuch an office of love as to

ſay, Having obtained *Help* from the God in whom thou liveſt, thou art brought to the beginning of another Year: And the leaſe of thy Souls dwelling in its *Clay Tabernacle* is *hitherto* prolonged [*Eben-Ezer!*] But what? Are thy *inward thoughts* that this is thy *Reſting place*? and that thou ſhalt abide here for ever? Oh folly! ſurely thou needſt not have *Scripture* quoted to demand, *What man is he that liveth and ſhall not ſee death*? or to convince, *That it is appointed for men once to die.* For dip where thou wilt in thy Bible, and this thing will accoſt thee. But thy *eyes*, & *ears* may enough mind thee of thy death: thy very *food* and *raiment* (the reliques of *dead creatures*) & the frequent *tolls* of the mournful Bell for thy *dead Friends*, ſay aloud unto thee, *Thou ſhalt die, and not live!* And truly as *Xerxes* wept over his vaſt *Army*, becauſe in an Age, not a man of that multitude would be alive, ſuch a *thought* cannot but warmly poſſeſs the *Writer* concerning all the Readers of this Addreſs. Under ſuch an Influence let be annex'd. Oh! know! Thy *Life* will not, and cannot be *Long*. Every one that is *born of a Woman*, every mothers child, is of *few dayes*; Yea, and that if his dayes be not only compared with the duration of *Eternal Beings*: but compared the temporal duration of his great *ſtage*, the *VVorld*: ay, and of ſome animate creatures in it. Wouldeſt thou know how long at moſt thou art like to be an Inhabitant on this Earth? I might turn thee both to the *account* which ſome *inſtances* of *Longevity* give about themſelves, in *Job* 7.8. & 10.20. & 16. ult. in *Gen.*47.9. in *Pſal.*39 5. And to the *Similitudes* which Mans frail life is repreſented by, in *Job* 14,2. *Pſal.*103.4. *Iſai.*40. 6, 7. 1 *Chron.* 29. 15. *Jam.* 4.14. and in *Job* 9.25, 26. where there is an alluſion to what every *Element affords*, and that with a *gradation* too. But what needs it? when not only the very *Heathen* could write rationally *de brevitate vitæ*? But even the moſt *ſtupid* among Mortals will of their own accord, reſemble the *Condition* of Men in this VVorld, to that of *Leaves* in *Autumn*. The *Souls* of men in their *Bodies*, to a young *Bird* in a *ſhell*, that will quickly break out and fly away: or to a *Candle* in a ſhattered *Lanthorn*, ready to be puff'd out by

by every wind. The *continuance* of men in the land of the living, to the vaniſhing of a *Vapour*, or the ſwiftneſs of a *Torrent*, gliding and whirling down apace into an *eternal Ocean*. And oh! know! thy *Death* may be ſudden, and unexpected: where, ay! where is the man that do's *know his time*, or dares *boaſt of to morrow*? Reader, on the *Evening* wherein this is written, I call to mind near twenty *ſudden Deaths*, which we have ſeen in the two or three laſt Moneths. And verily, *Except thou repent---!* The famous *Waldo* from whom the *VValdenſes* had their Name, became a *Convert* at ſuch a ſight: And will it not ſo much as make thee apprehend that even in a moment, thou mayeſt alſo go down into the Grave? Oh! let it do ſo! Wherefore I cannot be ſo unkind as to diſmiſs thee, before I ſtrike home the nail I have to drive in one *Importunate Requeſt*. For whoever thou art, I intreat thee! I beſeech thee! I conjure thee! by all that thou haſt any value for; that thou wilt [Oh! why! I beg thee! why wilt thou not? at leaſt *once* however!] ſet apart a few *Sands* of an *Hour-glaſs* to be run in ſuch thoughts as theſe: "I am now in this "World! but as ſure as I am now alive, I ſhall not alwayes, "nay, I ſhall not long, and I know not how long, I ſhall "be ſo: yea, tis a moſt vain thing for me to imagine any "other, but that very certainly and ſpeedily this very Bo-"dy of mine will become a cold, a blew, an unſavoury "lump of *Clay*: a few dayes more, & the dayes of my own "black *Funeral*, and my Friends *Mourning* over me, Ah! "*He is gone!* will overtake me! Then, then will the "*Spark of Immortality* now within my breaſt be flown into "the *world of Souls*, and will be fixed down like a *Rock* in "a ſtate of weal, or a ſtate of wo, for infinitely more then "as many millions of ages, as the *Heaven* hath *Stars*, or "the *Shore ſands*, or the huge *Ocean* drops of water in it.

Such thoughts as theſe on the one hand ſhould, and would make thee moderate in the purſuit of all inferiour goods, rivet the Book of *Eccleſiaſtes* in thy mind, and cauſe thee to take the wholſome *Counſel*, in 1 *Cor.* 7. 29. and they on the other hand, ought, and might make thee

to

to Redeem thy ſhort time by a timely *Proviſion* for a long *Eternity*: and do as all wiſe men do, 2 *Cor.* 4. 18. And ſo tis hop'd if thou art already converted, thou wilt give all diligence for an open and abundant entrance into the Kingdome: Or if thou art a *Stranger* to Religion, thou wilt cry no more with unconverted *Auſtin*, *By'nd by and anon*. But thou wilt unfeignedly turn from all thy *Idols*, to God in Chriſt without delay.

Strange!

Fleres, ſi ſcires unum tua tempora menſem:
Rides cum non ſint forſitan una dies.

A *DESCRIPTION* of the Laſt Years

COMET.

CONcerning the *Comet* which a few Moneths ſince, we, and almoſt all the World were entertained with a view of, we obſerved that the *Head* or *Star*, in this *Cœleſtial appearance* was much bigger then in the laſt of that kind, and of a dim colour, That the *Coma*, or *Blaze* of it was much ſmaller: not ever extended above 15. *degrees* in length, and not ſtriking directly from the Sun (*e.g.* when it had *Long.* 15 ♍, and *Lat.* 24 N. It pointed directly up to the fourth Star from the end of the *Bears Tail*) That we firſt took our accurate Notice of it on 18 *VI.* Moneth, having its place in the *fore-claw* of the great *Bear*, with *Long.* ♌ 2.30. and *Lat.* 24. 0. And no extraordinary ſtream, but through its *Heliacal Riſing*, and our diſ-

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appointment by the *VVeather*, we ſaw it no more fully till 23 of ſaid *VI.* Moneth. It was then become *Occidental*, and had moved from the place it was in when we ſaw it in the morning, about 39 *gr* and was come near to *Coma Berenices*: ſcarce perceivably altering its *Lat.* all the while, but moving in a line almoſt parallel with the *Ecliptick*. It thus paſſed through *Coma Berenices* (the *Stream* pointing up to *Cor Caroli* when the Star was in that *Conſtellation*) along through the *Leg* of *Bootes* alſo. By the 31 of *VI.* Moneth, its *Lat.* was diminiſhed from 24. to 16 *gr.* *Long.* ♎ 21 *gr.* 19 *min.* and it was got between the feet of *Bootes* about 75 *gr.* from the place it was in when we firſt ſaw it in the morning: But then on a ſudden it ſtruck away *Southerly*, and betook it ſelf to the feet of ♍, about the middle of the *VII.* Moneth, where and when it diſappeared.

Whether ſome celebrated *Conjunctions* of the *Superiour Planets* will not iſſue in more *æthereal Blazes*, we muſt wait for *Time* to diſcover: And in the mean time we acquaint the *Reader*, that there is now in the *Preſs*, *A Diſcourſe* of the *Nature* and *Events* of *Comets*, with two *Sermons* occaſioned by the two late *Blazing Stars*: The elaborate Compoſure of the Reverend Mr. *Increaſe Mather*.

FINIS.